TECHNOMETRICS

INDEX TO CONTENTS, Volume 11, 1969

ADDELMAN, S., Sequences of Two-Level Fractional Factorial Plans..... 477
ANTLE, C. E. (see THOMAN, D. R.)..... 445
AROIAN, L. A. and D. E. ROBISON, Direct Methods for Exact Truncated Sequential Tests of the Mean of a Normal Distribution..... 661
ATKINSON, A. C., Constrained Maximisation and the Design of Experiments (*Note*)..... 616
BAIN, L. J. (see THOMAN, D. R.)..... 805
BAIN, L. J. (see THOMAN, D. R.)..... 445
BEAUCHAMP, J. J. and R. G. CORNELL, Spearman Simultaneous Estimation for a Compartmental Model..... 551
BERKSON, J., Estimation of a Linear Function for a Calibration Line; Consideration of a Recent Proposal..... 649
BERRETTONI, J. N. (see HOLMS, A. G.)..... 725
BIRCH, J. J. (see LEAVERTON, P.)..... 299
CAMERON, J., The Statistical Consultant in a Scientific Laboratory..... 247
CHOI, S. C. and R. WETTE, Maximum Likelihood Estimation of the Parameters of the Gamma Distribution and Their Bias..... 683
CORNELL, R. G. (see BEAUCHAMP, J. J.)..... 551
DANIEL, C., Some General Remarks on Consulting in Statistics..... 241
DODGE, H. F. (see SCHILLING, E. G.)..... 341
DRAPER, N. R. and W. G. HUNTER, Transformations: Some Examples Revisited..... 23
DRAPER, N. R., W. G. HUNTER, and D. E. TIERNEY, Which Product is Better?..... 309
ECKLER, A. R., A Survey of Coverage Problems Associated with Point and Area Targets..... 561
EL-SAYYAD, G. M., Information and Sampling from the Exponential Distribution..... 41
FEDER, P. (see GABRIEL, K. R.)..... 149
FLANAGAN, P. D., P. A. VITALE, and J. MENDELSOHN, A Numerical Investigation of Several One-Dimensional Search Procedures in Nonlinear Regression Problems..... 265
FOWLKES, E. B., Some Operators for ANOVA Calculations..... 511
FREE, S. M. (see OTT, R. L.)..... 197
GABRIEL, K. R. and P. FEDER, On the Distribution of Statistics Suitable for Evaluating Rainfall Stimulation Experiments..... 149
GAJJAR, A. V. and C. G. KHATRI, Progressively Censored Samples from Log-Normal and Logistic Distributions..... 793
GAYLOR, D. W. and F. N. HOPPER, Estimating the Degrees of Freedom for Linear Combinations of Mean Squares by Satterthwaite's Formula... 691

TECHNOMETRICS

INDEX TO CONTENTS, Volume 11, 1969

ADDELMAN, S., Sequences of Two-Level Fractional Factorial Plans..... 477
ANTLE, C. E. (see THOMAN, D. R.)..... 445
AROIAN, L. A. and D. E. ROBISON, Direct Methods for Exact Truncated Sequential Tests of the Mean of a Normal Distribution..... 661
ATKINSON, A. C., Constrained Maximisation and the Design of Experiments (*Note*)..... 616
BAIN, L. J. (see THOMAN, D. R.)..... 805
BAIN, L. J. (see THOMAN, D. R.)..... 445
BEAUCHAMP, J. J. and R. G. CORNELL, Spearman Simultaneous Estimation for a Compartmental Model..... 551
BERKSON, J., Estimation of a Linear Function for a Calibration Line; Consideration of a Recent Proposal..... 649
BERRETTONI, J. N. (see HOLMS, A. G.)..... 725
BIRCH, J. J. (see LEAVERTON, P.)..... 299
CAMERON, J., The Statistical Consultant in a Scientific Laboratory..... 247
CHOI, S. C. and R. WETTE, Maximum Likelihood Estimation of the Parameters of the Gamma Distribution and Their Bias..... 683
CORNELL, R. G. (see BEAUCHAMP, J. J.)..... 551
DANIEL, C., Some General Remarks on Consulting in Statistics..... 241
DODGE, H. F. (see SCHILLING, E. G.)..... 341
DRAPER, N. R. and W. G. HUNTER, Transformations: Some Examples Revisited..... 23
DRAPER, N. R., W. G. HUNTER, and D. E. TIERNEY, Which Product is Better?..... 309
ECKLER, A. R., A Survey of Coverage Problems Associated with Point and Area Targets..... 561
EL-SAYYAD, G. M., Information and Sampling from the Exponential Distribution..... 41
FEDER, P. (see GABRIEL, K. R.)..... 149
FLANAGAN, P. D., P. A. VITALE, and J. MENDELSOHN, A Numerical Investigation of Several One-Dimensional Search Procedures in Nonlinear Regression Problems..... 265
FOWLKES, E. B., Some Operators for ANOVA Calculations..... 511
FREE, S. M. (see OTT, R. L.)..... 197
GABRIEL, K. R. and P. FEDER, On the Distribution of Statistics Suitable for Evaluating Rainfall Stimulation Experiments..... 149
GAJJAR, A. V. and C. G. KHATRI, Progressively Censored Samples from Log-Normal and Logistic Distributions..... 793
GAYLOR, D. W. and F. N. HOPPER, Estimating the Degrees of Freedom for Linear Combinations of Mean Squares by Satterthwaite's Formula... 691

GOOD, I. J., Some Applications of the Singular Decomposition Matrix... 823
GRUBBS, F. E., Procedures for Detecting Outlying Observations in Samples... 1
GUENTHER, W. C., Modified Sampling, Binomial and Hypergeometric Cases... 639
GUTTMAN, I. and D. E. SMITH, Investigation of Rules for Dealing with Outliers in Small Samples from the Normal Distribution: I: Estimation of the Mean... 527
HADER, R. J., M. J. KARSON, and A. R. MANSON, Minimum Bias Estimation and Experimental Design for Response Surfaces... 461
HAN, C. P., Maximum Likelihood Estimate in Intraclass Correlation Model (*Query*)... 833
HARTER, H. L., A New Table of Percentage Points of the Pearson Type III Distribution... 177
HEALY, M. J. R., Exact Tests of Significance in Contingency Tables (*Note*) 393
HERBST, L. J. (see NURI, W. A.)... 103
HILL, W. J. and W. G. HUNTER, A Note on Designs for Model Discrimination: Variance Unknown Case (*Note*)... 396
HOLMS, A. G. and J. N. BERRETTONI, Chain-Pooling ANOVA for Two-Level Factorial Replication-Free Experiments... 725
HOPPER, F. N. (see GAYLOR, D. W.)... 691
HOTCHKISS, R. (see MILTON, R. C.)... 817
HUNTER, W. G. (see DRAPER, N. R.)... 23
HUNTER, W. G. (see DRAPER, N. R.)... 309
HUNTER, W. G. (see HILL, W. J.)... 396
HUNTSBERGER, D. V. (see VEALE, J. R.)... 331
JACKSON, J. E. and W. H. LAWTON, Comparison of ANOVA and Harmonic Components of Variance... 75
JACKSON, J. E. and W. H. LAWTON, The Spectrum of a Model II Nested ANOVA and its Applications... 91
JEBE, E. H. (see LITTLE, R. E.)... 389
KAO, E.P.C., A Note on a Non-Parametric Approach to the 2^3 Factorial Design (*Note*)... 193
KARSON, M. J. (see HADER, R. J.)... 461
KENNARD, R. W. and L. A. STONE, Computer Aided Design of Experiments 137
KHATRI, C. G. (see GAJJAR, A. V.)... 793
KRUTCHKOFF, R. G., Classical and Inverse Regression Methods of Calibration in Extrapolation (*Note*)... 605
KUSSMAUL, K., Protection Against Assuming the Wrong Degree in Polynomial Regression... 677
LAWTON, W. H. (see JACKSON, J. E.)... 75
LAWTON, W. H. (see JACKSON, J. E.)... 91
LEAVERTON, P. and J. J. BIRCH, Small Sample Power Curves for the Two Sample Location Problem... 299
LITTLE, R. E. and E. H. JEBE, A Note on the Gain in Precision for Optimal Association in Regression as Applied to Extrapolation in S-N Fatigue Testing (*Note*)... 389

MACK, C., Tolerance Limits for a Binomial Distribution (*Query*)..... 201
MALLIOS, W. S., A Generalized Application of Instrumental Variable Estimation to Straight-Line Relations When Both Variables are Subject to Error..... 255
MANDEL, J., A Method of Fitting Empirical Surfaces to Physical and Chemical Data..... 411
MANSON, A. R. (see HADER, R. J.)..... 461
MANTEL, N., Restricted Least Squares Regression and Convex Quadratic Programming..... 763
MARGOLIN, B. H., Orthogonal Main-Effect Plans Permitting Estimation of all Two-Factor Interactions for the 2^n3^m Factorial Series of Design.. 747
MARGOLIN, B. H., Results on Factorial Designs of Resolution IV for the 2^n3^m Series..... 431
MENDELSOHN, J. (see FLANAGAN, P. D.)..... 265
MERCKX, K. R. (see NICHOLSON, W. L.)..... 707
MILTON, R. C. and HOTCHKISS, R., Computer Evaluation of the Normal and Inverse Normal Distribution Function..... 817
MOHAN, R., Controlling Dimension in Centerless-Grinding with Automatic Reset Device..... 115
NÁDAS, A., A Confidence Region for the Log-Normal Hazard Function (*Note*)..... 387
NICHOLSON, W. L. and K. R. MERCKX, Unfolding Particle Size Distribution..... 707
NURI, W. A. and L. J. HERBST, Fourier Methods in the Study of Variance Fluctuations in Time Series Analysis..... 103
OTT, R. L. and S. M. FREE, A Short-Cut Rule for a One-Sided Test of Hypothesis for Quantitative Data (*Note*)..... 197
OWEN, D. B., Summary of Recent Work on Variables Acceptance Sampling with Emphasis on Non-normality..... 631
PELTO, C. R., Adaptive Nonparametric Classification..... 775
PREECE, D. A., Balanced Incomplete Block Designs with Sets of Identical Blocks (*Note*)..... 613
RENNER, M. S., A Graphical Method for Making Multiple Comparisons of Frequencies..... 321
RIFFENBURGH, R. H., Half-Rectified Truncated Distributions: Sampling Theory and Hypothesis Testing..... 47
ROBERTS, C., Weight Variation Release and Control of Capsules, Tablets, and Sterile Solids..... 161
ROBISON, D. E. (see AROIAN, L. A.)..... 661
ROY, L. K. (see WASAN, M. T.)..... 591
SATHE, Y. S. (see VARDE, S. D.)..... 609
SCHEAFFER, R. L., Sampling Mixtures of Multi-Sized Particles: An Application of Renewal Theory..... 285
SCHILLING, E. G. and H. F. DODGE, Procedures and Tables for Evaluating Dependent Mixed Acceptance Sampling Plans..... 341
SMITH, D. E. (see GUTTMAN, I.)..... 527
STONE, L. A. (see Kennard, R. W.)..... 137

TIERNEY, D. E. (see DRAPER, N. R.) 309
THOMAN, D. R. and L. J. BAIN, Two Sample Tests in the Weibull Distribution 805
THOMAN, D. R., L. J. BAIN, and C. E. ANTLE, Inferences on the Parameters of the Weibull Distribution 445
VARDE, S. D. and Y. S. SATHE, Minimum Variance Unbiased Estimation of Reliability for the Truncated Exponential Distribution (*Note*) 609
VEALE, J. R. and D. V. HUNTSBERGER, Estimation of a Mean when One Observation May be Spurious 331
VITALE, P. A. (see FLANAGAN, P. D.) 265
WALLENIUS, K. T., Sequential Reliability Assurance in Finite Lots 61
WASAN, M. T. and L. K. ROY, Tables of Inverse Gaussian Percentage Points 591
WETTE, R. (see CHOI, S. C.) 683
WHITE, J. S., The Moments of Log-Weibull Order Statistics 373
WILLIAMS, E. J., A Note on Regression Methods in Calibration (*Note*) 189